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2003 Weather Crop 08

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Week Ending May 25, 2003

WET CONDITIONS FURTHER DELAY FIELDWORK

Several storm systems brought more rain across Tennessee last week resulting in only 2 days suitable for planting and other fieldwork. This was the third consecutive week of fieldwork delays. Planting of the cotton and soybean crops made little progress last week and continued to lag significantly behind last year and the 5-year average. Producers made fairly good headway with the first cutting of the State’s hay crop, but progress was still over a week behind normal. The winter wheat crop continues to be rated in mostly good condition with over half of the acreage turning color. Other field activities taking place last week were setting tobacco and fertilizing pastures. Temperatures averaged below normal statewide during much of last week. As of Friday, topsoil moisture levels were rated 60 percent adequate and 40 percent surplus, while subsoil moisture levels were rated 64 percent adequate and 36 percent surplus.

CROP PROGRESS: Through May 25, 2003					CONDITION: On May 23, 2003					
Crop	This Week	Last Week	2002	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Winter Wheat - Turning color	53	23	45	64	Wheat	4	10	31	46	9
Corn - Planted	92	90	98	98	Corn	8	14	27	43	8
Corn - Emerged	89	87	92	92	Cotton	9	15	33	43	0
Cotton - Planted	46	38	74	89	Alfalfa Hay	2	6	31	53	8
Soybeans - Planted	14	9	29	33	Other Hay	4	7	24	55	10
Soybeans - Emerged	5	N/A	15	19	Pastures	0	4	16	61	19
Tobacco - Transplanted	30	18	42	49						
Alfalfa Hay - First Cutting	47	30	59	75						
Other Hay - First Cutting	26	17	41	55						

WHEAT: Over 50 percent of the State’s wheat acreage has turned color, ahead of last year and normal. The wheat crop at week’s end was rated in mostly good-to-fair condition. Wind damage and disease pressure were reported in some areas.

CORN: As of Sunday, the majority of the crop was rated in good condition with only 8 percent of the acreage remaining to be planted. Due the recent wet weather, the corn crop has suffered the effects of nitrogen leaching. Several thousand acres of corn are expected to be lost from flooding and saturated soils, especially in river bottom areas. County Extension Agent reports assessed the amount of damage to the corn crop from the severe weather several weeks ago at 34 percent none, 27 percent light, 23 percent moderate, and 16 percent severe.

COTTON: Cotton planting, at 46 percent complete, is a full 2 weeks behind the normal pace. Producers are in need of warm, dry weather to make significant planting progress. The cotton crop was rated in good-to-fair condition.

SOYBEANS: Soybean planting was slowed again last week as a result of wet field conditions. Fourteen percent of the acreage has been planted, with five percent emerged. The crop’s progress continues to lag substantially behind a year earlier and the 5-year average.

TOBACCO: Nearly a third of the tobacco acreage has been transplanted. This pace is about a week behind schedule.

PASTURES & HAY: Despite rainfall, producers made some progress cutting hay although growers are concerned about quality. Pastures continued to thrive with the frequent rains and were rated in 80 percent good-to-excellent condition last week.

TEMPERATURES AND PRECIPITATION For week ending: 05/25/03 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 05/25/03				Current Week	Rain	Current	From	Since April 1	
	HI	LO	AVG	DFN	05/25/03	Days	Since January 1	Normal	Total	DFN
Ames_Plantation	83	51	67	-4	0.24	2	31.67	+8.03	371	+49
Tri-City_RGNL_A	77	49	64	-2	0.78	3	23.00	+6.21	186	+57
Brownsville_TN	79	54	67	-4	0.82	2	27.17	+3.43	400	+189
Chattanooga/Lov	79	54	67	-2	1.56	5	30.63	+6.99	347	+112
Clarksville_Sew	77	50	64	-4	0.51	3	19.29	-2.32	321	+86
Cookeville	78	48	65	-2	0.70	3	34.76	+10.63	238	+144
Covington	78	52	66	-5	0.00	0	28.24	+4.60	339	+45
Crossville_AP	73	49	64	-2	0.70	3	34.11	+10.06	225	+96
Dickson_AG	73	47	62	-7	0.45	2	25.36	+2.13	263	+16
Dover_1W	78	50	65	-3	0.29	2	25.43	+2.83	269	+75
Dyersburg	81	52	67	-5	0.19	1	22.93	+1.46	385	+49
Erwin_1W	77	51	63	-1	1.71	6	22.00	+2.78	162	-16
Huntingdon_Wate	78	51	66	-4	0.38	3	26.05	+3.45	316	+111
Jackson_AG	78	54	67	-3	0.85	2	23.15	+0.28	360	+85
Kingston_AG	79	52	67	+2	1.34	4	29.43	+4.42	242	+93
Knoxville_AP	81	53	67	+1	0.66	4	27.78	+7.39	293	+110
Lewisburg	78	48	64	-3	0.82	3	30.15	+6.23	258	+72
Lexington_TN	79	52	66	-3	0.16	1	26.21	+4.21	313	+213
Linden	78	46	64	-4	0.10	2	29.60	+5.23	275	+63
Martin	80	50	66	-4	0.24	2	26.68	+4.49	326	+82
Mc_Minnville_Tn	76	49	65	-3	1.00	2	31.37	+8.34	315	+14
Memphis_AG	80	51	67	-6	0.60	3	27.23	+4.15	397	-2
Milan	78	50	66	-3	0.43	3	28.46	+5.53	354	+111
Murfreesboro_5N	77	50	65	-4	0.78	5	27.11	+4.45	277	-54
Nashville_Metro	78	52	65	-5	0.26	3	29.44	+8.83	332	+69
Newcomb	78	50	65	+3	0.71	4	26.86	+4.25	203	+106
Oneida	76	49	64	+2	1.53	4	25.77	+3.16	191	-50
Pikeville	74	53	66	-3	1.19	4	32.54	+8.98	274	+87
Portland_TN	77	48	64	-4	0.64	3	24.71	+2.86	247	+67
Pulaski_Water_P	77	51	65	-6	0.73	3	33.88	+9.86	289	+10
Savannah_6SW	78	50	63	-8	0.22	3	31.99	+6.35	241	+17
Sparta_TN	76	49	66	+0	1.04	1	32.51	+8.96	316	+160
Springfield	74	48	64	-4	0.60	3	21.05	-0.09	262	+85
Springhill	81	49	66	-1	0.33	4	28.29	+4.06	327	+144
Union_City	80	50	66	-4	0.16	1	26.57	+4.58	296	+62
Waynesboro_TN	78	47	65	-3	0.34	3	31.59	+5.86	281	+28

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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